



Department of Computer Science and Engineering (AI&ML)

Jyothishmathi Institute of Technology & Science started its academic journey in 1997 with a quest to impart technical education to the rural youth. The commitment towards providing the highest quality of education through innovative teaching methods to its students has always brought laurels. Jyothishmathi Institute of Technology and Science (autonomous), Karimnagar, has signed a Memorandum of Understanding (MoU) with T-Hub, Talent Farm, TASK, Edunet Foundation, and SAP Centre of Excellence in Hyderabad.

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INSTITUTE VISION

To be a premier engineering institution striving continuously to deliver quality technical education, nurturing competent engineers capable of achieving global excellence with societal consciousness

INSTITUTE MISSION

- To embrace emerging teaching techniques that equip students to face technical challenges with confidence and competence.
- To cultivate a culture of innovative thinking that inspires students to develop creative solutions to real-world problems.
- To instil leadership qualities and foster an entrepreneurial mindset in students, enabling them to contribute positively to society.

DEPARTMENT VISION

To emerge as a center of excellence in Artificial Intelligence and Machine Learning, offering quality technical education that empowers future innovators to achieve global excellence and drive intelligent solutions for societal advancement

DEPARTMENT MISSION

- To provide quality education in AI and ML, equipping students with advanced computational skills to excel in a globally competitive environment.
- To foster a spirit of innovation and critical thinking, enabling students to develop practical solutions that benefit society.
- To promote strong collaborations with industry and academia, nurturing an entrepreneurial mindset and continuous professional growth in the field of AI and ML.

Program Educational Objectives (PEOs)

Fundamental Knowledge: Graduates will build a strong foundation in mathematics, computer science, and artificial intelligence principles to analyze, model, and solve complex problems in AI and Machine Learning.

Core Competencies: Graduates will gain expertise in core areas of Artificial Intelligence and Machine Learning, enabling them to design and implement intelligent systems for real-world applications.

Breadth: Graduates will acquire interdisciplinary knowledge to integrate AI/ML solutions across various domains such as healthcare, finance, robotics, and smart environments, adapting to emerging technologies and global needs.

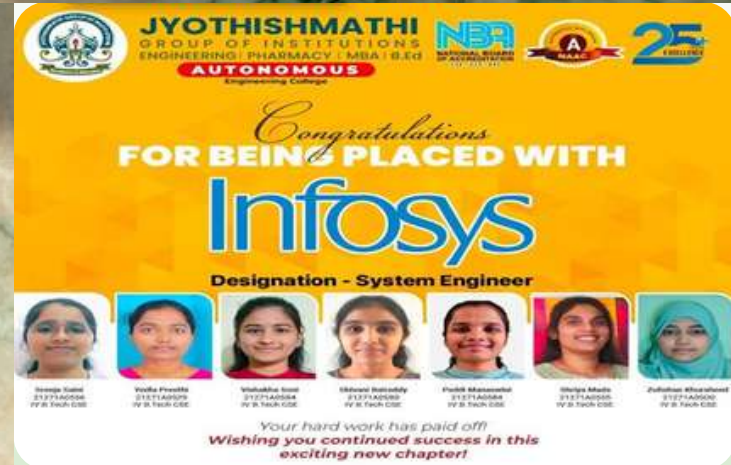
Professionalism: Graduates will demonstrate ethical behavior, teamwork, leadership, and communication skills, contributing effectively in collaborative and multicultural work environments.

Learning Environment: Graduates will pursue lifelong learning through innovative projects, industry collaborations, and an inclusive learning environment that nurtures creativity and entrepreneurial thinking.

TRAINING AND PLACEMENTS

PROUD PLACEMENT ACHIEVEMENT AT JITS

Infosys is a globally respected IT company that offers fresh graduates an excellent start to their careers. Beyond a job, it provides a strong learning environment, quality training, and real industry exposure. The System Engineer role helps freshers gain hands-on experience, learn new technologies, and develop both technical and professional skills. With a starting package of ₹3.6 LPA, this opportunity serves as a solid foundation for building a successful career in the IT industry.

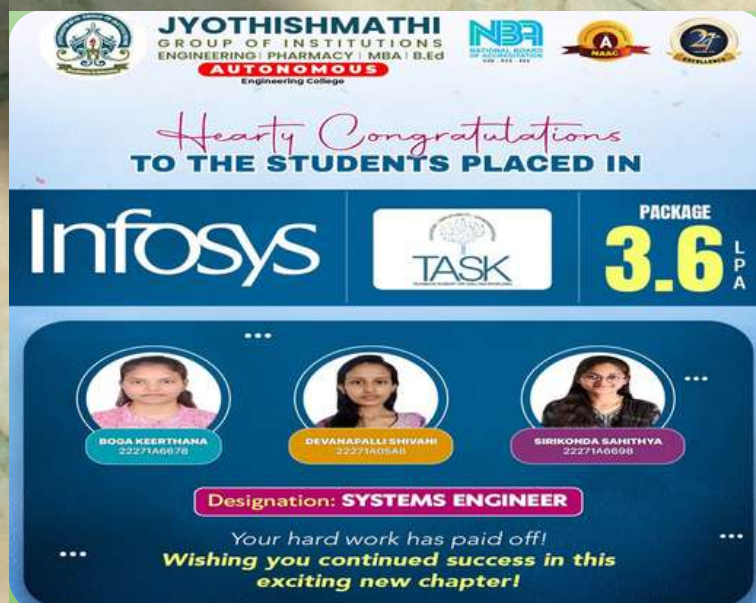


We are proud to celebrate another significant achievement as our dedicated and talented students from Jyothishmathi Institute of Technology & Science (Autonomous) have successfully secured placements at Cognizant under the NAAC Excellence category. This accomplishment reflects the consistent efforts of our students, the strong academic foundation provided by the institution, and the unwavering support of our faculty and placement team.



Hearty Congratulations to Boga Keerthana, Devanapalli Shivani, and Sirikonda Sahithya on being successfully placed at Infosys as System Engineers with an impressive package of ₹3.6 LPA. This remarkable achievement is a testament to their hard work, dedication, and strong technical foundation.

Their success highlights the quality of education, continuous guidance, and industry-oriented training provided by the institution. We take immense pride in their growth and excellence as they embark on this new chapter of their professional journey with Infosys.



GUEST LECTURES

A guest lecture on "Natural Language Processing and Its Applications" was conducted on 22nd August 2025, featuring Dr. Sanjaya Kumar Panda, Assistant Professor at NIT Warangal, as the resource person. The session offered students clear insights into the fundamentals of NLP and its real-world applications such as chatbots, sentiment analysis, and language translation, while also highlighting current research trends and career opportunities in AI, making it an informative and engaging learning experience.



In collaboration with the Telangana Innovation Cell (TGIC), celebrated World Creativity and Innovation Day with enthusiasm on 25th August 2025.. Over 200 engineering students participated, engaging in activities that fostered creativity and critical thinking. The event featured a keynote session by Mr. Aditya Nandagiri, Founder of Beyondx Informatics Analytics Pvt. Ltd.



An awareness session on " Industry Trends in Artificial Intelligence and Machine Learning " was organized by the Department of Computer Science and Engineering and CSE (AI & ML) at Jyothishmathi Institute of Technology and Science Autonomous Karimnagar on 25th October 2025.



DEPARTMENTAL EVENTS

The JITS-ISTE Student Chapter successfully organized an exciting and intellectually stimulating event titled “Tech Debate & Puzzle Challenge” on 24th July 2025, with the objective of enhancing students’ technical awareness, critical thinking, and problem-solving skills. The event featured a dynamic Tech Debate session that encouraged participants to articulate innovative ideas, analyze emerging technological trends, and engage in constructive discussions, thereby strengthening their communication and reasoning abilities. This was followed by the Puzzle Challenge, which tested logical aptitude, creativity, and quick decision-making through thought-provoking puzzles and brain teasers, creating an atmosphere of enthusiasm and healthy competition. The event witnessed active participation from students across various departments and successfully provided an engaging platform for intellectual growth, collaboration, and experiential learning, making it a memorable initiative of the JITS-ISTE Student Chapter.



The Coding Club of CSE (AI & ML) proudly hosted an intellectually thrilling event titled Code Jignasa 2025 on 26th and 28th August 2025 at Sankalp Hall, with the aim of fostering coding proficiency, logical reasoning, and problem-solving skills among students. The event featured a series of engaging and competitive activities that challenged participants to apply programming concepts, think analytically, and develop innovative solutions within limited time frames. Students from various academic backgrounds actively participated, showcasing their technical expertise, creativity, and collaborative spirit. Overall, Code Jignasa 2025 served as an excellent platform for experiential learning and peer interaction, significantly contributing to the enhancement of students’ technical competence and enthusiasm for coding.

DEPARTMENTAL EVENTS

The TechSpartans Club, Department of CSE(AI & ML), proudly hosted "Spartan Enigma" on 26th August 2025, a thrilling and intellectually engaging competition designed to test students with, problem-solving abilities, and technical knowledge, while fostering critical thinking, creativity, and enthusiastic participation among students.



The TechSpartans Club, Department of CSE(AI & ML), successfully hosted Tech Trivia Hunt 2025 on 19-09-2025, a fun-filled and intellectually engaging event designed to ignite curiosity and test participants technical knowledge. The event featured interactive quiz rounds and challenging trivia questions covering core computer science concepts and emerging technologies, encouraging quick thinking and teamwork. With enthusiastic participation from students across various semesters, the event created a vibrant learning atmosphere while effectively promoting technical awareness, collaboration, and a spirit of healthy competition.

DEPARTMENTAL EVENTS



The AI Club - Dept. of CSE(AI & ML), JITS successfully organized "AI Challenge: The Ultimate Beginners' Race" on 24th Sept 2025 at Shreshta Hall
Exclusively for 1st & 2nd year B.Tech students CSE-AI & ML, the event sparked creativity and curiosity through fun AI tasks & challenges, helping students boost their problem-solving, teamwork & communication skills



The ISTE Student Chapter of Jyothishmathi Institute of Technology & Science (JITS) proudly hosted Freedom Fiesta on 14th August 2025 at the Seminar Hall, a unique celebration that beautifully blended the spirit of patriotism with knowledge, teamwork, and quick thinking.

DEPARTMENTAL EVENTS

Where Humor Meets Intelligence! stood as a

"THUG-LIFE: A COMEDY I"

testament to creativity, laughter, and the relentless pursuit of excellence – proving that learning can truly be fun! The event was convened by G. Pranavi, Assistant prof, Dept of CSE(AI & ML) and coordinated by Suraj Mulukuntla (IV CSE - AI & ML), AI Club Student Coordinator. Their dedicated efforts ensured an engaging and memorable experience for everyone.



The Coding Club of CSE (AI & ML) at Jyothishmathi Institute of Technology & Science (Autonomous) successfully hosted Code Yukti 2K25 on 28th & 29th July 2025 – an electrifying event blending logic, problem-solving, and real- world coding.



The Department of Computer Science and Engineering (AI & ML), through its Artificial Intelligence (AI) Club in collaboration with ISTE, organized an event titled "AI QUEST – DECODE THE FUTURE" competition on 31st July 2025.

FACULTY PUBLICATIONS

Dr. P. Pranitha, Associate Professor, Department of CSE(AI & ML), has successfully published a research paper titled "Interpretable Machine Learning Models with Attention-Based Feature Attribution for High-Dimensional Tabular Data." The study focuses on enhancing model transparency and explainability by integrating attention mechanisms with interpretable machine learning techniques, enabling effective analysis of complex, high-dimensional datasets. This research has been published in the Journal of Information Systems Engineering and Management (ISSN: 2468-4376), a SCOPUS-indexed journal, highlighting the faculty member's contribution to advanced research in explainable artificial intelligence and data analytics.

M. Sai Prasad, Assistant Professor, Dept, CSE(AI & ML) has successfully published a patent titled "Artificial Intelligence-Based Heuristic Framework for Classification and Segmentation of Brain Tumors." The patent was published on 09-05-2025 in India, highlighting an innovative AI-driven approach for accurate classification and segmentation of brain tumors. The proposed heuristic framework leverages advanced artificial intelligence techniques to improve diagnostic precision, reliability, and decision-making support in healthcare applications. This achievement reflects a significant contribution to the field of AI-based medical diagnostics and demonstrates the researcher's commitment to innovation and applied research.

FACULTY ACHIEVEMENTS

Mrs. G. Pranavi, Assistant Professor, Dept of CSE(AI & ML) has successfully completed the NPTEL course on "Artificial Intelligence: Concepts and Techniques" with an outstanding score of 88%, securing the Topper position in the course. This achievement reflects her strong academic excellence, continuous professional development, and commitment to staying at the forefront of emerging technologies in Artificial Intelligence.



COLLEGE LEVEL EVENTS

29 Students Secure Internships Through SAP Code Unnati Training at JITS
SAP Labs India, under its CSR initiative Code Unnati, has established a Centre of Excellence at JITS, in collaboration with the Edunet Foundation and TASK. This center focuses on equipping pre-final and final year students with Industry 4.0 skills to enhance their employability. Students receive training in advanced technologies such as Artificial Intelligence (AI), Machine Learning, Cloud Computing, Computer Vision, Internet of Things (IoT), SAP-BTP, and ABAP(15th July 2025).



“A Guide to Entrepreneurship” was conducted on 16th July 2025 as part of the institution’s initiative aligned with the Ministry of Micro, Small & Medium Enterprises (MSME), Government of India, with the objective of fostering self-reliance and economic empowerment through structured incubation and entrepreneurial support. The event was graced by Professor K. C. Choudhury, Ex-Assistant Director Grade-I, Ministry of MSME, Government of India, as the Chief Guest. With over 36 years of extensive experience in MSME development, Shri Choudhury shared valuable insights on entrepreneurship, startup incubation, government schemes, and enterprise development, drawing from his pivotal role in nurturing business incubators, mentoring startups, and implementing national-level development programs. His expert address inspired participants to explore entrepreneurial pathways, understand the practical aspects of building sustainable ventures, and leverage institutional and government support systems effectively.

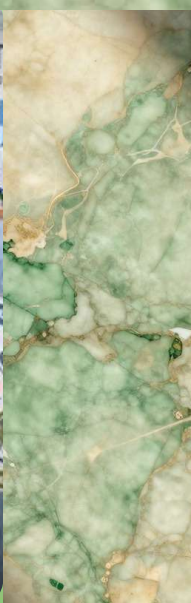


COLLEGE LEVEL EVENTS

SAP Educate to employ programme, *In collaboration with SAP & Edunet Foundation, hosted an impactful Monday. Chief Guests* Education to Employability *program on 12th August 2025,* Ms. Devi Sen, *Programme Manager (Skill Training & Development), and* Mr. Mohammed Afsar Pasha, *Programme Manager, shared valuable insights on bridging the gap between academics & careers—focusing on employability skills, adaptability, teamwork, and continuous learning.*



An Orientation Programme was conducted on 13th August 2025 for the newly admitted first-year B.Tech students, marking the beginning of their academic journey. The programme aimed to familiarize students with the institution's academic structure, campus facilities, rules and regulations, and various opportunities available for their overall development. Faculty members and coordinators addressed the students, offering guidance, motivation, and insights to help them transition smoothly into college life and begin their journey with confidence and enthusiasm.



COLLEGE LEVEL EVENTS

The 79th Independence Day was celebrated with great pride and patriotic fervor at Jyothishmathi Institute of Technology and Science (Autonomous), Karimnagar. The celebrations began with the hoisting of the National Flag by Sri J. Sagar Rao garu, Chairman, Jyothishmathi Group of Institutions.



The Entrepreneurship Development Cell (EDC) of Jyothishmathi Institute of Technology and Science (JITS), Karimnagar, organised an awareness session on “The Key to an Entrepreneur’s Continuous Growth” on 3rd September 2025. The session focused on nurturing an entrepreneurial mindset among students by highlighting the importance of innovation, adaptability, leadership, and continuous learning. The programme provided valuable insights into real-world entrepreneurial challenges and encouraged students to explore entrepreneurship as a viable and rewarding career path.



COLLEGE LEVEL EVENTS

Interactive Session on Preparing for Tomorrow's Challenges at JITS

Shri. Gopal T K Krishna, Founder and President, Krishna Engineering Consultants Inc., Iowa, USA, addressed the B.Tech first and fourth year students in an interactive session titled "Interactive Insights: Preparing for Tomorrow's Challenges" on 8th September 2025.



Smart India Hackathon (SIH) 2025 - Internal Hackathon

Jyothishmathi Institute of Technology and Science (Autonomous), Karimnagar, proudly hosted the SIH 2025 Internal Hackathon on 12th September 2025 with enthusiastic participation from students across various departments. The event provided a dynamic platform for young innovators to showcase their problem-solving abilities, technical skills, and creativity by working on real-world problem statements.

Participants collaborated in teams, applying their knowledge in areas such as software development, data analytics, artificial intelligence, and emerging technologies to propose innovative and impactful solutions. The hackathon fostered a spirit of teamwork, innovation, and competitive learning while encouraging students to think beyond textbooks and approach challenges with a practical mindset. Overall, the event served as a stepping stone for identifying promising teams to represent the institution in the next stages of Smart India Hackathon 2025.



COLLEGE LEVEL EVENTS

SEP classes to 3rd year students from (8-12-25 to 12-12-25)

The Skill Enhancement Program (SEP) classes for 3rd year students were conducted from 8th December 2025 to 12th December 2025. The program was designed to enhance students' technical knowledge, practical skills, and professional competencies relevant to their academic curriculum and industry requirements. During this period, students actively participated in interactive sessions, hands-on activities, and guided learning modules, which helped them strengthen their conceptual understanding and improve their problem-solving abilities. Overall, the SEP classes provided a valuable learning experience and contributed significantly to the holistic development of the students.



As part of an industrial exposure program, our students visited the Infosys campus to gain firsthand experience of a professional corporate environment. The visit was designed to enhance students' understanding of real-world industry practices and bridge the gap between academic learning and practical application. During the interaction, students were introduced to the organizational structure, software development methodologies, emerging technologies, and the professional work culture followed at Infosys. They also engaged with industry experts who provided valuable insights into career paths, required skill sets, and expectations in the IT sector. Overall, the campus visit proved to be an enriching and informative experience that prepared students for future professional challenges.



STUDENT INTERNSHIPS

The Department of CSE(AI& ML)is proudto highlight theexceptional internship achievements of its students across diverse domains, including data analytics, machine learning, web development, and emerging technologies. Collaborating with reputed platforms such as Deloitte, Cisco, Coursera, Codsoft, Edunet Foundation, freeCodeCamp, and more, our students have gained valuable industry exposure and practical skills. These internships have empowered them to apply their classroom knowledge to real-world challenges, enriching their learning journeys and strengthening their readiness for future careers in the fast-evolving field of Artificial Intelligence and Machine Learning.

HT.NO	NAME	PROGRAM NAME	NAME OF THE ACADEMY	START DATE	END DATE
22271A6634	Kandukuri Ruthwik	20 hrs of Developing Sustainable mindset 20 hrs of	1M1B Green Skills Academy		
22271A6635	Keshetti Sai Preetham	20 hrs of Developing Sustainable mindset 20 hrs of	1M1B Green Skills Academy		
22271A6636	K.Sai Vignesh	21 hrs of Developing Sustainable mindset 20 hrs of	1M1B Green Skills Academy		
22271A6639	Saniya Afzali	AI Engineer	Udemy		
22271A6642	Gudikandula Shashwitha	AI & Data Analytics	Edunet Foundation		
22271A6643	Boini Sheshanth	Python 101 for Data Science	IBM		
22271A6644	Bollaram Shiva	Data Analytics	Deloitte		
22271A6646	Bale Sowmya	Front End Web Development	Edunet Foundation		
22271A6647	Chokkarapu Srilekha	Skills Build	Edunet Foundation		

STUDENT INTERNSHIPS

HT.NO	NAME	PROGRAM NAME	NAME OF THE ACADEMY	START DATE	END DATE
22271A6648	Sammeta Sriram Bharadwaj	20 hrs of Developing Sustainable mindset 20 hrs of Tableau training and 20hrs of Live Project	1M1B Green Skills Academy		
22271A6651	Mulukuntla Suraj	20 hrs of Developing Sustainable mindset 20 hrs of Tableau training and 20hrs of Live Project	1M1B Green Skills Academy		
22271A6653	Gundeti Vaishnavi	Front End Web Development	Edunet Foundation		
22271A6655	Bandari Vamshi	Machine Learning	Columbia+		
22271A6656	Gajjela Veerendranath	Front End Development	Edunet Foundation		
22271A6657	Garrepelli Vinil Goud	Automation Testing	Geeks for Geeks	8 Weeks	
22271A6659	Katta Vishnuvardhan	Data Analysis Forensics Technology	Deloitte		
22271A6660	Katta Vivek	20 hrs of Developing Sustainable mindset 20 hrs of Tableau training and 20hrs of Live Project	1M1B Green Skills Academy		
22271A6661	Vooturi Vyshali	Web Development	Cognifyz		
22271A6675	Bingi Kalyan Kumar	Machine Learning	Plasmid		

STUDENT INTERNSHIPS

HT.NO	NAME	PROGRAM NAME	NAME OF THE ACADEMY	START DATE	END DATE
22271A6676	Gummadi Karan	Skills Build & IBM Cloud Platform in Emerging Techniloigies (AI & Cloud)	Edunet Foundation		
22271A6678	Boga Keerthana	Data Visualization	Cognifyz		
22271A6679	Vangala Madhuri	Front End Development	Cognifyz		
22271A6681	Suddala Manikanta	Skills Build & IBM Cloud Platform in Emerging Techniloigies (AI & Cloud)	Edunet Foundation		
22271A6682	Kalluri Meghana	Python Programming	Micro IT		
22271A6683	Adukkadan Neeha Krishna	SQL & Power bi	Sure Trust		
22271A6684	Mandal Nikhitha	Foundations of AI	Edunet Foundation		
22271A6685	Uppu Poojitha	Web Designing	Sparks to Ideas		
22271A6686	Damanapally Pranavi	Data Science	Cognifyz		
22271A6687	Nehuri Pranay Reddy	Cyber Security & Ethical Hacking	CodeTech IT Solutions		

STUDENT INTERNSHIPS

HT.NO	NAME	PROGRAM NAME	NAME OF THE ACADEMY	START DATE	END DATE
22271A6688	Daivala Pravalika	Front End Development	Cognifyz		
22271A6690	Katta Prem Kumar	Machine Learning	Plasmid		
22271A6691	Manchikatla Raghavendra	AI-Transformative Learning with Techsaksham	Techsaksham		
22271A6692	Gorla Rakesh	Machine Learning	Plasmid		
22271A6694	Ramidi Rashmitha	Foundation of AI	Edunet Foundation		
22271A6696	Rangu Rohan	Data Analytics	Praatinik Infotech		
22271A6697	Katta Saakshith	Skills Build & IBM Cloud Platform in Emerging Techniloigies (AI & Cloud)	Edunet Foundation		
22271A6698	Sirikonda Sahithya	AI And Machine Learning	Edunet Foundation		
22271A6699	Pulkam Sai Rakesh	Rise Internship	Tamizhan Skills		

STUDENT INTERNSHIPS

HT.NO	NAME	PROGRAM NAME	NAME OF THE ACADEMY	START DATE	END DATE
22271A66A1	Udharam Sandeep	Data Visualization	Cognifyz		
22271A66A3	Adigoppula Shashidhar	Web Development	VaultofCodes		
22271A66A4	Chindam Shirisha	Data Visualization	Cognifyz		
22271A66A8	Myaka Sravan	Data Visualization	Cognifyz		
22271A66A9	Chindham Sreenikitha	Foundations of AI	Edunet Foundation		
22271A66B1	Kasam Srija	Python Development	Cognifyz		
22271A66B2	Kaiytha Srinidhi	AI & Machine Learning	Edunet Foundation		
22271A66B3	Gandla Subhash	Front End Web Development	Edunet Foundation		
22271A66B5	Nalla Taran	Machine Learning	Plasmid		
22271A66B8	Anumalla Varshini	Front End Development	Cognifyz		
22271A66B9	Boddu Varshith Kumar	AI	Techsaksham		

STUDENT INTERNSHIPS

HT.NO	NAME	PROGRAM NAME	NAME OF THE ACADEMY	START DATE	END DATE
22271A66C1	Dablikar Vennela	AI & ML	Edunet Foundation		
22271A66C2	Sura Vigneshwar	Machine Learning	Plasmid		
22271A66C4	Bodugam Vishnu	Data Analytics	Deloitte		
22271A66C5	Chindam Vivek	AI Azure	Edunet Foundation		
23275A6601	Naroju Vamshi Chary	Data Science	Prodigy Infotech		
23275A6602	Edla Nishanth	Oracle Cloud Infrastructure	Oracle University		
23275A6605	Gundeti Charvaka	Data Analytics	Deloitte		
23275A6607	Gurralla Saiteja	AI	Techsaksham		
23275A6609	Atla Abhinav	Web Development	VaultofCodes		
23275A6610	Kontham Shiva	Web Development	VaultofCodes		
23275A6611	Putta Akshitha	Python Programming	Cognifyz		

TECHNICAL CONTENT

Explainable Artificial Intelligence (XAI) focuses on making AI models transparent, interpretable, and trustworthy by enabling humans to understand how and why a system arrives at a particular decision. As AI is increasingly applied in critical domains such as healthcare, finance, and autonomous systems, explainability becomes essential to ensure reliability, accountability, and ethical use. Unlike traditional “black-box” models, XAI provides meaningful insights into model behavior through intrinsic interpretable models and post-hoc explanation techniques such as LIME, SHAP, and attention-based feature attribution, which highlight the most influential features behind predictions. By improving transparency, detecting bias, and supporting informed decision-making, Explainable AI bridges the gap between high model performance and human understanding, paving the way for responsible and trustworthy AI deployment.

K. VIVEK
22275A660

Cyber Security is the practice of protecting computer systems, networks, and data from unauthorized access, cyberattacks, and digital threats. With the rapid growth of internet-based services, cloud platforms, and connected devices, cyber security has become critical to ensuring data confidentiality, integrity, and availability. It encompasses key areas such as network security, application security, cryptography, and threat detection to defend against malware, phishing, ransomware, and other cyber threats. Effective cyber security strategies also involve risk assessment, secure system design, and continuous monitoring to prevent data breaches and cybercrime. As digital transformation accelerates across all sectors, cyber security plays a vital role in safeguarding information, maintaining user trust, and ensuring the resilience of modern digital ecosystems.

I. Laxmiiprasanna
23275A6606

Blockchain is a decentralized and distributed digital ledger technology that securely records transactions across a network of computers in a transparent and tamper-resistant manner. Each transaction is stored in a block and linked to previous blocks using cryptographic techniques, forming an immutable chain of records. Blockchain eliminates the need for intermediaries by enabling trust through consensus mechanisms, making transactions secure, verifiable, and efficient. It has wide-ranging applications beyond cryptocurrencies, including supply chain management, healthcare records, digital identity, and smart contracts. By ensuring data integrity, transparency, and security, blockchain technology is transforming the way information and value are exchanged in modern digital systems.

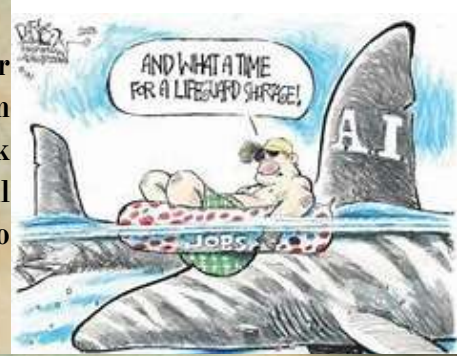
B. Akshay
22271A6606

STUDENT'S CORNER

Life According to Artificial Intelligence

Before studying AI, we thought machines would take over the world. After studying AI, we realized we can't even make the model converge. From decision trees that decide nothing to neural networks that overthink everything, AI teaches us patience, hope, and how to blame the dataset for all mistakes. The moment accuracy reaches 95%, the test data humbles us back to reality. In the end, AI doesn't replace humans—it just gives us another reason to drink coffee at 2 a.m.

-D.PRANAVI(IV CSM-B)



"The computer repair people

Data Structures: The Real Relationship Test

Data Structures isn't a subject, it's an emotional journey. Arrays are simple until index out of bounds breaks your confidence. Linked lists test your memory, stacks push you to your limit, and queues teach you patience—literally. Trees make you question family hierarchies, while graphs ensure you never find the shortest path in life or code. If you survive DSA, congratulations—you can survive anything.

GOURGOJULAKUMAR(IV CSM-A)

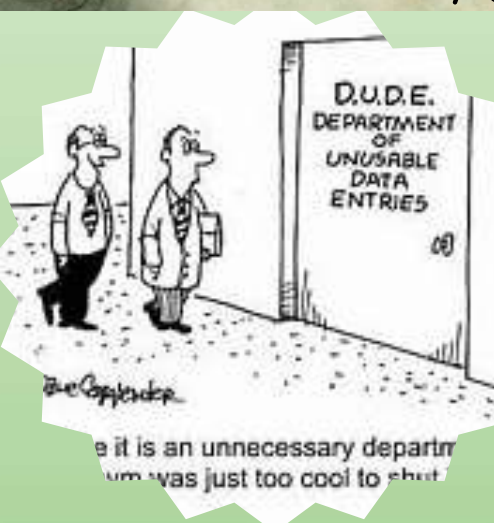
OPERATING SYSTEMS: MULTITASKING LIKE OUR BRAIN

OPERATING SYSTEMS PROMISED US "PROCESS MANAGEMENT," BUT ALL WE LEARNED WAS HOW OUR BRAIN ALSO RUNS ON POOR SCHEDULING AND FREQUENT DEADLOCKS. CONCEPTS LIKE SEMAPHORES SOUND POWERFUL UNTIL YOU TRY TO UNDERSTAND THEM AT 1 A.M. PAGING, SEGMENTATION, AND CONTEXT SWITCHING EXPLAIN WHY OUR MIND SWITCHES FROM CODING TO SNACKS EVERY 5 MINUTES. OS TRULY TEACHES US HOW CHAOS CAN STILL FUNCTION—SOMEHOW.

-SANA FATHIMA (III CSM-B)

Computer Networks: Lost Packets, Lost Hope

In Computer Networks, packets travel more than we do. Some reach the destination, some get lost forever—just like our understanding of TCP and UDP. Subnetting is the art of turning one IP address into 10 confusing questions. After learning protocols, we finally understand one thing clearly: Wi-Fi never works properly during exams or submissions. -B. Akshaya(III CSM-B)



DBMS: Where Tables Rule Our Life

DBMS Normalization teaches us how to break relationships, while joins try to fix them again. SQL is simple until the query returns zero rows and zero self-respect. Transactions promise ACID properties, but our marks are rarely consistent. Still, DBMS helps us store memories... especially the trauma of lab exam

-U.POORJITHA(IV CSM-B)

ALUMINI TALKS & EDITOR'S NOTE

As an alumna, I take great pride in being a part of this college and the CSE (AI & ML), which played a defining role in shaping my academic and professional journey. The department provided a strong technical foundation, experienced faculty support, and a motivating learning environment that encouraged curiosity and innovation. From practical labs and projects to seminars and technical events, every opportunity helped me build confidence and real-world skills. The approachable faculty, collaborative culture, and focus on emerging technologies made learning both meaningful and future-oriented. I will always be grateful to the department for nurturing my abilities and preparing me to step into the professional world with clarity, competence, and confidence. The values and discipline gained here continue to guide me in my career and personal growth. -HARSHINI



As computer science and engineering (AI & ML) students, we extend our sincere gratitude to our faculty and staff for their constant mentorship, expertise, and encouragement. Their commitment to academic excellence and innovation has been central to our intellectual and professional growth. Through research guidance, technical initiatives, and experiential learning opportunities, they have helped us build strong foundations and future-ready skills. As we move ahead, we carry their values of discipline, creativity, and collaboration with confidence and purpose.

As we conclude this edition, we thank the entire JITS family for fostering a culture of excellence and progress. The dedication of students, faculty, and staff together creates a vibrant and enriched learning community where ideas evolve into achievements and aspirations into success.

Sri Juvvadi Sagar Rao
Chairman
Sri Juvvadi Sumith Sai
Secretary & Correspondant

Best regards,

The Editorial Team

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